



PUBLIC NOTICE

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FCC RELEASES DATA ON MOBILE DEPLOYMENT AS OF JUNE 30, 2016 AND DECEMBER 31, 2016 COLLECTED THROUGH FCC FORM 477

WC Docket No. 11-10

The Wireless Telecommunications Bureau (Bureau) today released data from two separate data collections representing mobile voice and broadband deployment as of June 30, 2016, and December 31, 2016. These deployment data were collected through FCC Form 477 and are available on the Commission's Mobile Deployment Data – FCC Form 477 webpage at <https://www.fcc.gov/mobile-deployment-form-477-data>.

Coverage area maps showing mobile voice and broadband network deployment for each combination of provider and network technology are available for download. These data are available in shapefiles: a file format used to store, depict, and analyze geospatial data. All the shapefiles show coverage nationwide. Users can download a single, large zip file containing all provider coverage areas or a zip file for an individual provider.

In addition, users can download tabular data showing mobile coverage in zipped CSV format by provider, state, or for the entire United States. These CSV files present mobile coverage by technology at the census block level.

Separate CSV files depict mobile coverage resulting from two different coverage analyses: centroid and actual area. First, the centroid methodology is applied to U.S. census blocks overlaid on service provider coverage maps, whereby if the geometric center point, or centroid, of a census block is within the coverage boundary of a coverage map, then we consider all the population and land area of that block to be covered by that service provider and/or technology. Second, the actual area coverage methodology is applied to U.S. census blocks, whereby the percentage of each census block covered by each service provider by technology is calculated for each of the approximately 11 million blocks in the United States. The actual area methodology allows the presentation of the percentage of area in a block at each technology level that is reported as covered by each unique combination of providers.¹

Providers can make revisions or corrections to their previously-filed Form 477 data at any time. If filers submit a significant number of changes, the Bureau may release additional versions of the mobile deployment data as of June 30, 2016, or December 31, 2016, respectively.

¹ For a more detailed description of these coverage analyses, see generally *FCC Releases Data on Mobile Broadband Deployment as of December 31, 2015 Collected Through FCC Form 477*, Public Notice, 31 FCC Rcd 10886, Attach. (2016), https://apps.fcc.gov/edocs_public/attachmatch/DA-16-1107A1_Rcd.pdf.

Additional information on Form 477 is available on the Form 477 Resources for Filers webpage at www.fcc.gov/form477. For any questions related to the mobile deployment data, please contact Melvin Del Rosario at Melvin.DelRosario@fcc.gov or (202) 418-0615, or Ben Freeman at Ben.Freeman@fcc.gov or (202) 418-0628.

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